

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend claim 49, as follows:

Listing of Claims:

1. (Previously presented) A computer administration system for accessing computer systems in a computer network, each computer system having at least one operator interface connector and being adapted to provide operator interface data signals containing user output information through the operator interface connector and being adapted to receive operator interface data signals containing user input information through the operator interface connector, the computer administration system comprising:

a plurality of system communications devices, each system communications device being adapted to be coupled to the operator interface connector of a corresponding computer system and operable in a transmit mode to receive the operator interface data signals from the corresponding computer system through the operator interface connector of the corresponding computer system and to generate corresponding operator interface transmission signals, and operable in a receive mode to receive operator interface transmission signals and to generate corresponding operator interface data signals that are applied to the corresponding computer system through the operator interface connector of the corresponding computer system; and

a remote access device, comprising,

a remote communications device operable to select a system communications device and operable during the transmit mode to receive the operator interface transmission signals from the selected system communications device and to generate corresponding operator interface data signals, and operable during the receive mode to receive operator interface data signals and generate corresponding operator interface transmission signals that are applied to the selected system communications device; and

an operator interface device coupled to the remote communications device and adapted to accept user input and provide user output, the operator interface device

operable to generate user output in response to the operator interface data signals from the remote communications device, and operable in response to user input to apply corresponding operator interface data signals to the remote communications device.

2. (Previously presented) The computer administration system of claim 1 wherein the operator interface data signals comprise keyboard, mouse, and video signals, for a computer system, the keyboard, mouse, and video signals provided and received through respective interface connectors, the system communications device coupled to the interface connectors of the corresponding computer system.

3. (Original) The computer administration system of claim 1 wherein the remote communications device receives the operator interface transmission signals from the selected system communications device and applies the operator interface transmission signals to the selected system communications device via a wireless communications link.

4. (Original) The computer administration system of claim 1 wherein the remote communications device further operates to identify the system communications devices proximate the remote access device and the operator interface device allows a desired identified system communications device to be selected.

5. (Original) The computer administration system of claim 4 wherein the user output generated by the operator interface device comprises a list of system communications devices and the operator interface device comprises a plurality of buttons that allow the desired identified system communications device to be selected.

6. (Original) The computer administration system of claim 5 wherein the buttons comprise a manual connect, previous, next, and select current buttons that allow the desired identified system communications device to be selected.

7. (Original) The computer administration system of claim 5 wherein the operator interface device further comprises a touch screen and the plurality of buttons are displayed on the touch screen display.

8. (Original) The computer administration system of 1 wherein the operator interface signals are encoded for transmission by the transmitting system communications device or remote communications device and are decoded by the receiving system communications device or remote communications device.

9. (Original) The computer administration system of claim 3 wherein each wireless communications link comprises a communications link communicating via the Bluetooth protocol.

10-15. (Cancelled)

16. (Previously presented) A computer administration system for accessing computer systems in a computer network, each computer system having at least one operator interface connector and being adapted to provide operator interface data signals containing user output information through the operator interface connector and being adapted to receive operator interface data signals containing user input information through the operator interface connector, and each computer system including a local operator interface device, the computer administration system comprising:

a plurality of system communications devices, each system communications device being adapted to be coupled to the operator interface connector of a corresponding computer system and further adapted to be coupled to the local operator interface device, each system communications device,

operable in a local-user mode to apply the operator interface data signals from the computer system to the local operator interface device to allow the computer system to be controlled through the local operator interface device, and

operable in an override mode to inhibit control of the computer system through the local operator interface device and to operate in a transmit submode to receive the operator interface data signals from the corresponding computer system through the operator interface connector and to generate corresponding operator interface transmission signals, and to operate in a receive submode to receive operator interface transmission signals and to generate corresponding operator interface data signals that are applied to the corresponding computer system through the operator interface connector; and

a remote access device, comprising,

a remote communications device operable to select a system communications device and operable during the transmit submode to receive the operator interface transmission signals from the selected system communications device and to generate corresponding operator interface data signals, and operable during the receive submode to receive operator interface data signals and generate corresponding operator interface transmission signals that are applied to the selected system communications device; and

an operator interface device coupled to the remote communications device and adapted to accept user input and provide user output, the operator interface device operable to generate user output in response to the operator interface data signals from the remote communications device, and operable in response to user input to apply corresponding operator interface data signals to the remote communications device.

17. (Previously presented) The computer administration system of claim 16 wherein the operator interface data signals comprise keyboard, mouse, and video signals, for a computer system, the keyboard, mouse, and video signals provided and received through respective interface connectors, the system communications device coupled to the interface connectors of the corresponding computer system.

18. (Original) The computer administration system of claim 16 wherein the remote communications device receives the operator interface transmission signals from the selected system communications device and applies the operator interface transmission signals to the selected system communications device via a wireless communications link.

19. (Original) The computer administration system of claim 18 wherein the remote communications device further operates to identify the system communications devices proximate the remote access device and the operator interface device allows a desired identified system communications device to be selected.

20. (Original) The computer administration system of claim 19 wherein the user output generated by the operator interface device comprises a list of system communications devices and the operator interface device comprises a plurality of buttons that allow the desired identified system communications device to be selected.

21. (Original) The computer administration system of claim 20 wherein the buttons comprise a manual connect, previous, next, and select current buttons that allow the desired identified system communications device to be selected.

22. (Original) The computer administration system of claim 20 wherein the operator interface device further comprises a touch screen and the plurality of buttons are displayed on the touch screen display.

23. (Original) The computer administration system of 18 wherein the operator interface signals are encoded for transmission by the transmitting system communications device or remote communications device and are decoded by the receiving system communications device or remote communications device.

24. (Original) The computer administration system of claim 18 wherein each wireless communications link comprises a communications link communicating via the Bluetooth protocol.

25. (Previously presented) A computer administration system for accessing computer systems in a computer network, each computer system having at least one operator interface connector and being adapted to provide operator interface data signals containing user

output information through the operator interface connector and being adapted to receive operator interface data signals containing user input information through the operator interface connector, the computer administration system comprising a plurality of system communications devices, each system communications device being adapted to be coupled to the operator interface connector of a corresponding computer system; and a remote access device coupled to the system communications devices and including a remote communications device and an operator interface device.

26. (Previously presented) The computer administration system of claim 25 wherein the operator interface data signals comprise keyboard, mouse, and video signals, for a computer system, the keyboard, mouse, and video signals provided and received through respective interface connectors, the system communications device coupled to the interface connectors of the corresponding computer system.

27. (Original) The computer administration system of claim 25 wherein the remote access device is coupled to the system communications devices via respective wireless links.

28. (Original) The computer administration system of claim 25 wherein the operator interface device comprises a plurality of buttons.

29. (Original) The computer administration system of claim 25 wherein the operator interface device comprises a touch screen and a plurality of buttons are displayed on the touch screen display.

30-36. (Cancelled)

37. (Previously presented) A computer network, comprising:  
a plurality of computer systems, each computer system having at least one operator interface connector and being adapted to provide operator interface data signals

containing user output information through the operator interface connector and being adapted to receive operator interface data signals containing user input information through the operator interface connector;

a plurality of system communications devices, each system communications device coupled to the operator interface connector of a corresponding computer system and operable in a transmit mode to receive the operator interface data signals from the corresponding computer system through the operator interface connector of the corresponding computer system and to generate corresponding operator interface transmission signals, and operable in a receive mode to receive operator interface transmission signals and to generate corresponding operator interface data signals that are applied to the corresponding computer system through the operator interface connector of the corresponding computer system; and

a remote access device, comprising,

a remote communications device operable to select a system communications device and operable during the transmit mode to receive the operator interface transmission signals from the selected system communications device and to generate corresponding operator interface data signals, and operable during the receive mode to receive operator interface data signals and generate corresponding operator interface transmission signals that are applied to the selected system communications device; and

an operator interface device coupled to the remote communications device and adapted to accept user input and provide user output, the operator interface device operable to generate user output in response to the operator interface data signals from the remote communications device, and operable in response to user input to apply corresponding operator interface data signals to the remote communications device.

38. (Original) The computer administration system of claim 37 wherein at least some of the computer systems comprise servers.

39. (Original) The computer administration system of claim 37 wherein at least some of the computer systems comprise workstations.

40. (Previously presented) The computer administration system of claim 37 wherein the operator interface data signals comprise keyboard, video, and visual display signals, for a computer system, the keyboard, mouse, and video signals provided and received through respective interface connectors, the system communications device coupled to the interface connectors of the corresponding computer system.

41. (Original) The computer administration system of claim 37 wherein at least some of the computer systems comprise local operator interface devices and each corresponding system communications device is operable in a pass-through mode to couple the operator interface data signals between the local operator interface device and the computer system to allow the local operator interface device to control the computer system, and is operable in an override mode to operate in the transmit and receive modes to allow the remote access device to control the computer system.

42. (Original) The computer administration system of claim 37 wherein the remote communications device receives the operator interface transmission signals from the selected system communications device and applies the operator interface transmission signals to the selected system communications device via a wireless communications link.

43. (Original) The computer administration system of claim 37 wherein the remote communications device further operates to identify the system communications devices proximate the remote access device and the operator interface device allows a desired identified system communications device to be selected.

44. (Original) The computer administration system of claim 43 wherein the user output generated by the operator interface device comprises a list of system communications devices and the operator interface device comprises a plurality of buttons that allow the desired identified system communications device to be selected.



45. (Original) The computer administration system of claim 44 wherein the buttons comprise a manual connect, previous, next, and select current buttons that allow the desired identified system communications device to be selected.

46. (Original) The computer administration system of claim 44 wherein the operator interface device further comprises a touch screen and the plurality of buttons are displayed on the touch screen display.

47. (Original) The computer administration system of 37 wherein the operator interface signals are encoded for transmission by the transmitting system communications device or remote communications device and are decoded by the receiving system communications device or remote communications device.

48. (Original) The computer administration system of claim 42 wherein each wireless communications link comprises a communications link communicating via the Bluetooth protocol.

49. (Currently amended) A method of accessing computer systems in a computer network, each computer system having at least one operator interface connector and being adapted to provide operator interface signals containing user output information through the operator interface connector and being adapted to receive operator interface signals containing user input information through the operator interface connector, the method comprising:

encoding the operator interface signals provided through the operator interface connector from each computer system;

transmitting the encoded operator interface signals via respective wireless links;

selecting one of the computer systems;

receiving the transmitted encoded operator interface signals from the selected computer system;

decoding the received operator interface signals;  
displaying user information at a location remote from the computer system  
in response to the decoded operator interface signals;  
receiving operator input at the remote location and generating  
corresponding operator interface signals responsive to the operator input;  
encoding the generated operator interface signals; and  
transmitting the encoded operator interface signals to the selected  
computer system via a wireless protocol to be input through the operator interface connector of  
the selected computer system.

50. (Original) The method of claim 49 wherein the operator interface signals  
comprise keyboard, video, and mouse signals.

51. (Original) The method of claim 49 wherein selecting one of the computer  
systems comprises selecting one of the computer systems that is proximate the remote location.